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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/831,274	05/09/2001	Ian Jones	36-1450	3238

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EXAMINER

TANG, KAREN C

ART UNIT	PAPER NUMBER
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2151

DATE MAILED: 07/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/831,274

Applicant(s)

JONES ET AL.

Examiner

Karen C. Tang

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 May 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 May 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>7/20/2001</u> . | 6) <input type="checkbox"/> Other: _____ |

PD

DETAILED ACTION

Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

The claimed invention is directed to non-statutory subject matter. Claims 1-4 are subject to 101 claims rejection because claim 1 is intangible, the digital signal is not embodied with any hardware system.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claim 1 is rejected under 35 U.S.C. 102(e) as being anticipated by Chan et al hereinafter Chan.

1. Referring to Claim 1, Chan discloses a digital signal (digital data, refer to 0008) encoded with a uniform resource locator (URL) (it is inherent that while browsing through www over Internet, the URL technology is used while user is browsing, and it is also inherent that URL comprises information, refer to 0004) the uniform resource locator comprising an identifier part (WWW, refer to 0004) identifying a

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resource as being accessible via a circuit switched network (refer to PSTN, refer to 0006), an address part comprising the address of the resource, and a service parameter part (it is inherent that the URL consists of the address of the resource and a service parameter part.).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chan et al hereinafter Chan (US 2001/0046237) in view of Lee. et al hereinafter Lee (RFC 1738 Uniform Resource Locator).

1. Referring to Claim 2, Chan discloses the uniform resource locator (it is inherent that while browsing through www over Internet, the URL technology is used while user is browsing, and it is also inherent that URL comprises information, refer to 0004).

Chan does not expressly disclose <circuit – switched identifier part>://<service parameter part> * <address part> where * is a predetermined separator character.

Lee discloses <circuit – switched identifier part> (http, which is the circuit – switch identifier part, refer Page 9) ://<service parameter part> (<host<a>, refer to Page 9) * <address part> (port, refer to Page 9) where * is a predetermined separator character (“/”, refer to Page 9).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to incorporate both Chan and Lee’s invention because by URL format is dynamic, any ordinary skill in the art can implement codes to change the URL and point its resource to what the user desires.

The motivation/suggestion would have been Chan indicate the usage of WWW and the internet which utilized the URL also, indicates Chan indicates the utilization of the ATM network with the internet.

2. Referring to Claim 3, Chan discloses the identifier part identifies (WWW, refer to 0004) the resources as being accessible via an ATM network (it is inherent that URL can locate the user desired resource via any kind of network, refer to 0035).
3. Referring to Claim 4, Chan discloses the service parameters part (it is inherent that internet browser utilizing URL, and that URL consists of the service parameter part which can locate the user desired service) includes ATM service parameters (the desire service is via ATM network, refer to 0035).

4. Referring to Claim 5, Chan discloses the service parameter part includes an identifier for a connection topology (Chan discloses utilizing the web over the internet which, it is inherent that the user utilized the internet to connect to the desire network: ATM network, refer to Col 0004 and 0008).
5. Referring to Claim 6, Chan discloses the service parameter part (Chan discloses the usage of web over internet, which inherently utilizing the URL, which utilized the service parameter part).

Chan does not expressly indicate a parameter indicating a connection bandwidth. Lee indicates that a parameter indicating a connection bandwidth (URL syntax can include new mappings onto the conforming URL syntax, and URL is based on codes which is can be dynamically adjust to what the user desires: indicate connection bandwidth).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to incorporate both Chan and Lee's invention because by URL format is dynamic, any ordinary skill in the art can implement codes to change the URL and point its resource to what the user desires.

The motivation/suggestion would have been Chan indicate the system manage the data flows (bandwidth) while utilizing the internet browser to connect to the network, in which, the URL is being utilized, refer to 0031).

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6. Referring to Claim 7, Chan discloses a machine-readable carrier refer to Fig 1, System controller) carrying a signal (Glue logic, refer to Fig 7, 0006, and 0007).
7. Referring to Claim 8, Chan discloses a terminal connected directly or indirectly to a circuit switched network (web connect via internet which connect to a network i.e. ATM network, 0004, 0006, and 0035), the method including: (a) reading a uniform resource locator (web via internet, the web browser is inherently contains capability to read the uniform resource locator), (b) subsequently establishing a connection between the customer terminal and the resource (Chan discloses TCP/IP connection, refer to 0031, which the customer terminal PC, 0006, and the resource, refer to).

Chan does not expressly discloses <circuit – switched identifier part>://<service parameter part> * <address part> where * is a predetermined separator character.

Lee discloses <circuit – switched identifier part> (http, which is the circuit – switch identifier part, refer Page 9) ://<service parameter part> (<host<a>, refer to Page 9) * <address part> (port, refer to Page 9) where * is a predetermined separator character ("/", refer to Page 9).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to incorporate both Chan and Lee's invention because by URL format is dynamic, any ordinary skill in the art can implement codes to change the URL and point its resource to what the user desires.

The motivation/suggestion would have been Chan indicate the usage of WWW and the internet which utilized the URL also, indicates Chan indicates the utilization of the ATM network with the internet

Chan does not express the connection having properties determined at least in part by one or more parameters contained in the service parameter part.

Lee indicates that a parameter indicating a connection bandwidth (URL syntax can include new mappings onto the conforming URL syntax, and URL is based on codes which is can be dynamically adjust to what the user desires: indicate connection bandwidth).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to incorporate both Chan and Lee's invention because by URL format is dynamic, any ordinary skill in the art can implement codes to change the URL and point its resource to what the user desires.

The motivation/suggestion would have been Chan indicate the system manage the data flows (bandwidth) while utilizing the internet browser to connect to the network, in which, the URL is being utilized, refer to 0031).

8. Referring to Claim 9, Chan discloses reading the uniform resource locator from a server (web over internet which utilizing the URL, refer to 0004) remote from the terminal (PC, refer to 0006).

9. Referring to Claim 10, Chan discloses the steps is initiated by the terminal (PC which utilized the web browser and sent the URL into the desired network/server, refer to 0004, 0006).
10. Referring to Claim 11, Chan discloses the identifier part identifies (WWW, refer to 0004) the resources as being accessible via an ATM network (it is inherent that URL can locate the user desired resource via any kind of network, refer to 0035), And Chan discloses the service parameters part (it is inherent that internet browser utilizing URL, and that URL consists of the service parameter part which can locate the user desired service) includes ATM service parameters (the desire service is via ATM network, refer to 0035).
11. Referring to Claim 12, Chan discloses a terminal connected directly or indirectly to a circuit switched network (web connect via internet which connect to a network i.e. ATM network, 0004, 0006, and 0035), (a) a network interface for connection to the communications network (refer to 0036); (b) a processor (refer to 0027) arranged to carry out the following steps: (i) reading a uniform resource (URL) (web browser connect via internet which is inherently able to read the URL, refer to 0004, and 0027 and 0028. (iii) subsequently establishing a connection between the customer terminal and the resource (Chan discloses TCP/IP connection, refer to 0031, which the customer terminal PC, 0006, and

the resource, where the external communication links the user to the desire resources, refer to 0035)

Chan does not express the connection having properties determined at least in part by one or more parameters contained in the service parameter part.

Lee indicates that a parameter indicating a connection bandwidth (URL syntax can include new mappings onto the conforming URL syntax, and URL is based on codes which is can be dynamically adjust to what the user desires: indicate connection bandwidth).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to incorporate both Chan and Lee's invention because by URL format is dynamic, any ordinary skill in the art can implement codes to change the URL and point its resource to what the user desires.

The motivation/suggestion would have been Chan indicate the system manage the data flows (bandwidth) while utilizing the internet browser to connect to the network, in which, the URL is being utilized, refer to 0031).

Chan does not expressly discloses <circuit – switched identifier part>://<service parameter part> * <address part> where * is a predetermined separator character.

Lee discloses <circuit – switched identifier part> (http, which is the circuit – switch identifier part, refer Page 9) ://<service parameter part> (<host<a>, refer to Page 9) * <address part> (port, refer to Page 9) where * is a predetermined separator character ("/", refer to Page 9).

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At the time of the invention, it would have been obvious to a person of ordinary skill in the art to incorporate both Chan and Lee's invention because by URL format is dynamic, any ordinary skill in the art can implement codes to change the URL and point its resource to what the user desires.

The motivation/suggestion would have been Chan indicate the usage of WWW and the internet which utilized the URL also, indicates Chan indicates the utilization of the ATM network with the internet

12. Referring to Claim 13, Chan discloses a data server (telephony server, refer to 0011) for use in a communication network including a circuit-switched network (packet network, refer to 0008), the data server including a store programmed with digital signal (digital data, refer to 0011).

Conclusion

A shortened statutory period for reply to this Office action is set to expire **THREE MONTHS** from the mailing date of this action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen C. Tang whose telephone number is (571)272-3116. The examiner can normally be reached on M-F 7 - 3.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on (571)272-3939. The fax phone

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number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KT
Karen Tang
7/11/05


ZARNI MAUNG
SUPERVISORY PATENT EXAMINER